

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	70	((increas\$4 or increment) near3 (weight\$4 or coefficient)) with (above near2 threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/11 01:42
L2	76	((increas\$4 or increment) near3 (weight\$4 or coefficient)) with (above near2 threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/11 01:43
L3	77	((increas\$4 or increment\$4) near3 (weight\$4 or coefficient)) with (above near2 threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/11 01:43
L4	77	((increas\$4 or increment\$4) near3 (weight\$4 or coefficient)) with ((above or satiat\$4 or satisfy\$4) near2 threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/11 01:44
L5	7	L4 not L1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/11 01:43
L6	111	((increas\$4 or increment\$4) near3 (weight\$4 or coefficient)) with ((above or satiat\$4 or satisfy\$4) near2 (limit or predetermined))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/11 02:12
L7	106	L6 not L4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/11 01:44
L8	239	((decreas\$4 or reduc\$4) near3 (weight\$4 or coefficient)) with (below near2 (limit or predetermined or threshold))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/11 02:12
L9	0	((decreas\$4 or reduc\$4) near3 (weight\$4 or coefficient)) with (below near2 (hreshold))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/11 02:13
L10	96	((decreas\$4 or reduc\$4) near3 (weight\$4 or coefficient)) with (below near2 (threshold))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/11 02:46
L11	16	("20020085649" "20020186761" "20030099310" "20030231662" "20040037262" "20050111525" "6449320" "7099384").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/11 02:47

## EAST Search History

L12	6	L11 and decod\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/11 02:47
S1	15	Krupka.in. and ("DC")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/14 12:03
S3	3645	375/319.ccls. or 375/229-236.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:07
S4	152	S3 and ((estimat\$4 or detect\$4 or calculat\$4 or determin\$4) near3 ("DC"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:10
S5	2	S4 and (re-modulat\$4 or remodulat\$4 or reencod\$4 or re-encod\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:07
S6	5302	375/319.ccls. or 375/229-236.ccls. or 375/340.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:07
S7	211	S6 and ((estimat\$4 or detect\$4 or calculat\$4 or determin\$4) near3 ("DC"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:07
S8	4	S7 and (re-modulat\$4 or remodulat\$4 or reencod\$4 or re-encod\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:07
S9	10	((estimat\$4 or detect\$4 or calculat\$4 or determin\$4 or re-estimat\$4 or reestimat\$4 or re-calucilat\$4 or recalculat\$4) near3 ("DC")) same (re-modulat\$4 or remodulat\$4 or reencod\$4 or re-encod\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:23
S10	0	((estimat\$4 or detect\$4 or calculat\$4 or determin\$4 or re-estimat\$4 or reestimat\$4 or re-calucilat\$4 or recalculat\$4) same ("DC")) same erro same (re-modulat\$4 or remodulat\$4 or reencod\$4 or re-encod\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:14
S11	19	((estimat\$4 or detect\$4 or calculat\$4 or determin\$4 or re-estimat\$4 or reestimat\$4 or re-calucilat\$4 or recalculat\$4) same ("DC")) same error same (re-modulat\$4 or remodulat\$4 or reencod\$4 or re-encod\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:19

## EAST Search History

S12	17	("DC" with (error or offset)) same (remodulat\$4 or re-modulat\$4 or reencod\$4 or re-encod\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:19
S13	611	((estimats\$4 or detect\$4 or calculats\$4 or determin\$4 or re-estimats\$4 or reestimat\$4 or re-caluciat\$4 or recalculats\$4) with ("DC")) with train\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:22
S14	1	S13 and (equaliz\$4 same (remodulat\$4 or re-modulat\$4 or reencod\$4 or re-encod\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:20
S15	3	S13 and (equaliz\$4 and (remodulat\$4 or re-modulat\$4 or reencod\$4 or re-encod\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:22
S16	1226	((estimats\$4 or detect\$4 or calculats\$4 or determin\$4 or re-estimats\$4 or reestimat\$4 or re-caluciat\$4 or recalculats\$4) with ("DC")) same train\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:22
S17	3	S16 and (equaliz\$4 and (remodulat\$4 or re-modulat\$4 or reencod\$4 or re-encod\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:22
S18	6	S13 and (remodulat\$4 or re-encod\$4 or re-modulat\$4 or reencod\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:23
S19	410	((estimats\$4 or detect\$4 or calculats\$4 or determin\$4 or re-estimats\$4 or reestimat\$4 or re-caluciat\$4 or recalculats\$4) near\$4 ("DC")) same (modulat\$4 same demodulat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:24
S20	34	S19 and equaliz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:29
S21	0	((estimats\$4 or calculats\$4) near\$4 (train)) and ((remodulat\$4 or re-modulat\$4) same error same (reestimat\$4 or recalculats\$4 same re-estimats\$4 or re-calculats\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:31
S22	0	((estimats\$4 or calculats\$4) near\$4 (train\$5)) and ((remodulat\$4 or re-modulat\$4) same error same (reestimat\$4 or recalculats\$4 same re-estimats\$4 or re-calculats\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:31

## EAST Search History

S23	0	((estimat\$4 or calculat\$4) near4 (train\$5 or pilot)) and ((remodulat\$4 or re-modulat\$4) same error same (reestimat\$4 or recalculat\$4 same re-estimat\$4 or re-calculat\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:32
S24	0	((estimat\$4 or calculat\$4) wit (train\$5 or pilot)) and ((remodulat\$4 or re-modulat\$4) same error same (reestimat\$4 or recalculat\$4 same re-estimat\$4 or re-calculat\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:32
S25	0	((estimat\$4 or calculat\$4) with (train\$5 or pilot)) and ((remodulat\$4 or re-modulat\$4) same error same (reestimat\$4 or recalculat\$4 same re-estimat\$4 or re-calculat\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:32
S26	0	((estimat\$4 or calculat\$4) with (train\$5 or pilot)) and ((remodulat\$4 or re-modulat\$4) same (reestimat\$4 or recalculat\$4 same re-estimat\$4 or re-calculat\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:32
S27	84	((estimat\$4 or calculat\$4) with (train\$5 or pilot)) and ((remodulat\$4 or re-modulat\$4) same (error))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 13:22
S28	3	(training or pilot) and (estimat\$4 near3 "DC") and equaliz\$4 and (remodulat\$4 or re-encod\$4 or reencod\$4 or re-modulat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 15:25
S29	309800	(training or pilot) adn ((estimat\$4 or calculat\$) near4 (noise or interference or "DC")) and ((re-modulat\$4 or remodulat\$4 or reencod\$4 or re-encod\$4) same error)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 15:27
S30	167	(training or pilot) and ((estimat\$4 or calculat\$) near4 (noise or interference or "DC")) and ((re-modulat\$4 or remodulat\$4 or reencod\$4 or re-encod\$4) same error)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 15:27
S31	91	(training or pilot) and ((estimat\$4 or calculat\$) near4 (noise or interference or "DC")) and ((re-modulat\$4 or remodulat\$4 or reencod\$4 or re-encod\$4) same error) and equaliz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 15:28
S32	56	(pilot or training) and (equaliz\$4 same (remodulat\$4 or re-modulat\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/09 18:26

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S33	7	(pilot or training) and (equaliz\$4 same (remodulat\$4 or re-modulat\$4)) and "DC"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/09 18:30
S34	67	(pilot or training) and (equaliz\$4 and (remodulat\$4 or re-modulat\$4)) and "DC"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/09 18:39
S35	4	(re-modulat\$4 or remodulat\$4) same ((estimat\$4 or reestimat\$4 or re-estimat\$4 or updat\$4) near3 "DC")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/09 18:41
S36	42	((estimat\$4 or reestimat\$4 or re-estimat\$4 or updat\$4) adj2 error) near3 "DC")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/09 18:47
S37	30	((increas\$4 or decreas\$4 or increment\$4 or decrement\$4) near3 (weight\$4 or value or tap or coefficient)) same (error near3 "DC" near3 (limit or threshold or value))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/09 18:51
S38	3	equaliz\$4 same (error near3 "DC" near3 (limit or threshold or value))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/09 18:53
S39	12	equaliz\$4 same (error near5 "DC" near5 (limit or threshold or value))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/09 18:53
S40	0	S38 not S39	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/09 18:53
S41	9	S39 not S38	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/09 18:57
S42	19	(training or pilot) and (estimat\$4 same (remodulat\$4 or re-modulat\$4) same (re-estimat\$4 or reestimat\$4 or updat\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/09 19:03
S43	15	(equaliz\$4 same ((estimat\$4 or calculat\$4) adj2 error) near3 (threshold or limit))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/09 19:11
S44	16	(remodulat\$4 or re-modulat\$4) same ((soft or tentative) near2 decisions)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/09 19:20

## EAST Search History

S45	1650	(equaliz\$4 with "DC")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/09 19:21
S46	20	(equaliz\$4 with (estim\$4 near3 "DC"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/09 19:23
S47	53	(equaliz\$4 with (estim\$4 near3 "CIR"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/09 19:23
S48	148	(equaliz\$4 with (estim\$4 near3 carrier))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/09 19:24
S49	5	(equaliz\$4 with (estim\$4 near3 (carrier adj2 interference)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/09 19:25
S50	9	(equaliz\$4 near3 (carrier adj2 interference))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/09 19:26
S51	2	("4800573").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/19 12:05
S52	0	S51 and "DC"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/19 12:35
S53	16	((remodulat\$4 or re-modulat\$4) with (soft or tentative))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/19 12:41
S54	11	((remodulat\$4 or re-modulat\$4) same (soft or tentative) same error)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/19 12:49
S55	0	"200040037262".pn. and equaliz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/19 12:46
S56	0	"200040037262".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/19 12:46

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S57	2	"20040037262".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/19 12:46
S58	0	S57 and equaliz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/19 12:46
S59	14	((remodulat\$4 or re-modulat\$4) same (soft or tentative)) and equaliz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/19 14:05
S60	115	(equaliz\$4 and "DC" and remodulat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/19 14:06
S61	112	(equaliz\$4 and "DC" and remodulat\$4) and (train\$4 or known or pilot)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/19 14:06
S62	53	(equaliz\$4 and "DC" and remodulat\$4) and (train\$4 or pilot)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/19 14:07
S63	79	(equaliz\$4 and "DC" and (remodulat\$4 or re-modulat\$4)) and (train\$4 or pilot)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/19 14:34
S64	151	(equaliz\$4 and "DC" and (remodulat\$4 or re-modulat\$4)) and (known)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/19 14:34
S65	16	(equaliz\$4 same (remodulat\$4 or re-modulat\$4)) and "DC"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/19 15:30
S66	3	((updat\$4 or adjust\$4) near\$4 "DC") same (remodulat\$4 or re-modulat\$4 or re-encod\$4 or reencod\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/19 15:33
S67	59	(remodulat\$4 or re-modulat\$4 or re-encod\$4 or reencod\$4) with "DC"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/19 16:17
S68	2	("20050069057").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/07 19:06

## EAST Search History

S69	2	("20050111525").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/19 16:29
S70	2	((re-modulat\$4 or re-modulat\$4) same equaliz\$4 same (updat\$4 or adjust\$4 or reestimat\$4 or re-estimat\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/19 17:54
S71	25	((re-modulat\$4 or remodulat\$4) same equaliz\$4 same (updat\$4 or adjust\$4 or reestimat\$4 or re-estimat\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/19 17:56
S72	6	((channel near3 estimat\$4 near3 error) with threshold) same equaliz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/19 17:58
S73	17	((estimat\$4 adj2 error) with threshold) same equaliz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/19 18:05
S74	11	((estimat\$4 near2 error) near4 threshold) same equaliz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/19 18:07
S75	572	(weight\$4 or coefficient) near4 (estimat\$4 adj2 error)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/19 18:08
S76	203	(weight\$4 or coefficient) near4 (estimation adj2 error)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/19 18:09
S77	4	S76 and (remodulat\$4 or re-encod\$4 or re-modulat\$4 or reencod\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/19 18:08
S78	13	((weight\$4 or coefficient) near4 (estimation adj2 error)) same equaliz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/19 18:09
S79	2	("6226323").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/19 18:54
S80	604	((soft or tentative) near4 "DC")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 13:02



## EAST Search History

S81	2	(weight\$4 near4 (soft or tentative) near4 "DC")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 13:03
S82	6	(weight\$4 with (soft or tentative) near4 "DC")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 13:03
S83	9	((correct\$4 or compensat\$4 or normaliz\$4) with (soft or tentative) near4 "DC")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 13:04
S84	58	((correct\$4 or compensat\$4 or normaliz\$4) with (soft or tentative) with "DC")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 13:04
S85	14	(increas\$4 or decreas\$4) near4 (weight\$4) near4 (estimat\$4 near2 error)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/02 13:16
S86	12	((increas\$4 or decreas\$4) near4 (weight\$4)) same (estimation adj2 error)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/02 13:17
S87	7	S86 not S85	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/02 13:17
S88	15	((increas\$4 or decreas\$4) near4 (weight\$4)) same (estimation adj2 error)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 13:38
S89	43	((increas\$4 or decreas\$4) near4 (weight\$4)) same (estimat\$4 near2 error)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 13:34
S90	29	S89 not S85	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 13:17
S91	22	S90 not S86	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 13:24
S92	1	(increase\$4 near4 (weight\$4) near4 (error adj3 small))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 13:25

## EAST Search History

S93	1	(increase\$4 near4 (weight\$4) near4 (error near3 small))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 13:26
S94	1	(increase\$4 near4 (weight\$4) near4 (error near3 threshold))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 13:26
S95	2	(increase\$4 near4 (coefficient) near4 (error near3 small))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 13:27
S96	0	(increase\$4 near4 (coefficient) near4 (error near3 below near3 threshold))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 13:27
S97	27	(increase\$4) near4 (error near3 below near3 threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 13:28
S98	225	(increase\$4) near4 (weight\$4) near4 error	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 13:28
S99	0	375/130/377.ccls. and (increase\$4) near4 (weight\$4) near4 error	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 13:28
S10 0	27	375/130-377.ccls. and (increase\$4) near4 (weight\$4) near4 error	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 13:29
S10 1	23	((increas\$4 or decreas\$4) near4 (weight\$4)) with (estimat\$4 near2 error)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 13:34
S10 2	21	((increas\$4) near3 (weight\$4)) with ((decrease near2 error))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 13:38
S10 3	30	((increas\$4) near3 (weight\$4)) with ((decreas\$4 near2 error))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 13:39
S10 4	53	((increas\$4) near3 (weight\$4)) with ((decreas\$4 near4 error))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 13:42

## EAST Search History

S10 5	23	S104 not S103	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 13:40
S10 6	26	((increas\$4) near3 (weight\$4)) with ((measurement or calculation) near2 error)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 13:52
S10 7	63	("DC" same (estimation adj1 error))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 14:04
S10 8	33	("DC" with (estimation adj1 error))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 14:00
S10 9	2916	("DC" with (calculation or measurement near2 error))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 14:00
S11 0	274	"DC" with ((calculation or measurement) near2 error)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 14:02
S11 1	62	("DC" with (estimation near3 error))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 14:01
S11 2	57	("DC" with (estimation near2 error))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 14:01
S11 3	24	S112 not S108	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 14:01
S11 4	156	"DC" with ((calculation or measurement) adj2 error)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 14:02
S11 5	143	"DC" with ((calculation or measurement) adj1 error)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 14:02
S11 6	30	S107 not S108	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 15:18

## EAST Search History

S11 7	29	(re-estimat\$4 or re-calculat\$4 or reestimat\$4 or recalculat\$4) near3 "DC"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 15:21
S11 8	22	(remodulat\$4 or re-encod\$4 or re-modulat\$4 or re-encod\$4) near4 "DC"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 15:21
S11 9	23	(remodulat\$4 or re-encod\$4 or re-modulat\$4 or reencod\$4) near4 "DC"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 15:22
S12 0	143	(remodulat\$4 or re-encod\$4 or re-modulat\$4 or reencod\$4) same "DC"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 15:23
S12 1	7	(remodulat\$4 or re-encod\$4 or re-modulat\$4 or reencod\$4) same ("DC" near3 (estimat\$4 or calculat\$4 or determin\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 15:24
S12 2	17	(remodulat\$4 or re-encod\$4 or re-modulat\$4 or reencod\$4) same ("DC" near3 (estimat\$4 or calculat\$4 or determin\$4 or detect\$4 or offset))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 15:26
S12 3	18087	("DC" near3 (estimat\$4 or calculat\$4 or determin\$4 or detect\$4)) same (error near2 (estimat\$4 or calculat\$4 or determin\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 15:27
S12 4	314	("DC" near3 (estimat\$4 or calculat\$4 or determin\$4 or detect\$4)) same (error near2 (estimat\$4 or calculat\$4 or determin\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 15:27
S12 5	227	("DC" near3 (estimat\$4 or calculat\$4 or determin\$4 or detect\$4)) same (error near2 (estimat\$4 or calculat\$4 or determin\$4) with "DC")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 15:27
S12 6	70	("DC" near3 (estimat\$4 or calculat\$4 or determin\$4 or detect\$4)) same (((estimat\$4 or calculat\$4 or determin\$4) adj1 error) with "DC")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 15:39
S12 7	27	("DC" near3 error near3 threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 15:41
S12 8	2199	("DC" same *(estimat\$4 adj2 error) near3 threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 15:41

## EAST Search History

S129	1	"DC" same ((estimat\$4 adj2 error) near3 threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 15:44
S130	7	375/229-236.ccls. and ((estimat\$4 near3 "DC") same equaliz\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 15:45
S131	4	375/229-236.ccls. and ((equaliz\$4) same (carrier adj2 interference adj2 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/02 16:39
S132	5	375/229-236.ccls. and ((equaliz\$4) same (carrier adj2 interference adj2 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 16:16
S133	8	(equaliz\$4 same ("DC" with error with threshold))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 16:52
S134	10	(equaliz\$5 same ("DC" with error with threshold))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 16:53
S135	14	(increas\$4 or decreas\$4) with ("DC" with error with threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 17:01
S136	2	("20040203559").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/02 18:33
S137	781	filter\$4 with "DC" with threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/02 18:33
S138	20	filter\$4 with "DC" with error with threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/02 18:35
S139	7	equaliz\$4 with (estimation adj1 error) with threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 18:49
S140	7	S139 and (estimation adj1 error)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 18:41

## EAST Search History

S14 1	0	equaliz\$4 with (estimation near2 variance) with threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 18:48
S14 2	1	equaliz\$4 with (estimat\$4 near2 variance) with threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 18:48
S14 3	7	equaliz\$4 same ((estimation adj1 error) with threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 18:51
S14 4	77	(weight\$4 near3 (estimation adj1 error))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/02 18:51
S14 5	1	((re-equaliz\$4 or reequaliz\$4 or reperform\$4 or re-perform\$4) near4 equaliz\$4) same (error near3 threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/07 19:07
S14 6	36	equaliz\$5 same ("DC" near4 threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/07 19:08
S14 7	8	equaliz\$5 same ("DC" near4 threshold) and ("DC" adj2 offset)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/07 19:09